0 P K 3035

PTO/SB/08a/b (08-03)

Approved for use through 07/31/2006. OMB 0851-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE that the Sales work Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

SUBSTANDA MATION DISCLOSURE				Complete If Known		
				Application Number	10/723,309	
				Filing Date	November 26, 2003	
S	TATEMENT	BY AP	PLICANT	First Named Inventor	Christian Pacha	
				Art Unit	N/A 2816	
	(Use as many	sheets as ned	essary)	Examiner Name	Not Yet Assigned T. LAM	
Sheet	1	of	2	Attorney Docket Number	20046/0200609-US0	

			U.S. PA	TENT DOCUMEN	TS		
Examiner	Cite	Document Number	Publication Date	Name of	Patentee or	Pages, Columns, Lines, Where	
Initiats*	No.1	Number-Kind Code ² (if known)		110000	Cited Document	Relevant Passages or Relevant Figures Appear	
N	AA	US-4,910,713-B1	03-20-1990	Madden et al.	3657 189-11		
n	AB	US-6,232,810-B1	05-15-2001	Oklobdzija et al.	327/217		
N	AC	US-2002/0047737-A1	04-25-2002	Park et al.	327/211		

		FOREI	GN PATENT	DOCUMENTS		
Examiner	Cite	Foreign Patent Document	Publication	Name of Patentee or	Pages, Columns, Lines,	П
Initials*	No.1	Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	
7	ВА	DE-196 15 413-A1	02-27-1997	Mashiko, Koichiro et al.		x
Chr.	BB	DE-197 13 495-A1	10-01-1998	Berger, Horst H. et al.		X
1	BC	EP-1 170 865-A2		Zama, Hidemase et al.		
N	BD_	EP-1 193 871-A2	04-03-2002	Koji, Hirairi		П
/IL	BE	JP-2002-250753-A1	09-06-2002	Furuichi Masakatsu		X

'EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). 'See Kinds Codes of USPTO Patent Documents at www.usplo.gov or MPEP 901.04. 'Senter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 'For Japanese patent documents, the Indication of the year of the reign of the Emperor must precede the serial number of the patent document.' Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 'Applicant is to place a check mark here if English language Translation is attached.

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
N	CA	Hamada et al.: "Utilizing Surplus Timing for Power Reduction"; Proc. of the IEEE Custom Integrated Circuits Conference 2001; pages 89-92.	
n	СВ	Inukai et al: "Boosted Gate MOS (BGMOS): Device/Circuit Cooperation Scheme to Achieve Leakage-Free Glga-Scale Integration"; Proceedings of the Custom Integrated Circuits Conference 2000 pages 409-412.	
7	CC	Shigematsu et al: "A 1-V High-Speed MTCMOS Circuit Scheme for Power-Down Application Circuits"; IEEE Journal of Solid-State Circuits, Vol. 32, No. 6, June 1997, pages 861-869.	
N	CD	P.R. van der Meer et al: "Ultra-low Standby-Currents for deep sub-micron VLSI CMOS Circuits: Smart Series Switch"; ISCAS 2000 - IEEE International Symposium on Circuits and Systems, May 28-31, 2000, Geneva, Switzerland.	
N	CE	P.R. van der Meer et al: "Effectivity of Standby-Energy Reduction Techniques for Deep Sub- Micron CMOS"; ISCAS 2001, Proceedings of the 2001 IEEE International Symposium on Circuits and Systems (ISCAS), Vol. 4, pages 594-597.	
n	CF	Huang et al: "High Performance 50 nm CMOS Devices for Microprocessor and Embedded Processor Core Applications"; Technical Digest, International Electron Devices Meeting, 2001, pages 11.1.1-11.1.4.	
n	CG	Montanaro et al: "A 160-MHz, 32-b, 0.5-W CMOS RISC Microprocessor"; IEEE Journal of Solid-State Circuits, Vol. 31, No. 11, November 1996, pages 1703-1714.	
7	СН	Hiramoto et al: "Optimum Device Parameters and Scalability of Variable Threshold Voltage Complementary MOS (VTCMOS)"; Jpn. J. Appl. Phys., Vol. 40 (2001), pages 2854-2858.	
کم	CI	Zyuban et al: "Clocking Strategies and Scannable Latches for Low Power Applications"; Proceedings of the International Symposium on Low Power Electronics and Design (ISLPED)	

Examiner Signature Date Considered (1/7/2004	 \sim	$-\Delta I$				
	1	/~1 \/\	<i>y</i> ~~	 (1	7	2004

PER 2 6 2004 25

PTO/SB/08a/b (08-03)
Approved for use through 07/31/2006. OMB 0851-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Sul	ostitute for form 1449A/B/	PTO		Complete if Known				
				Application Number 10/723,309				
11	NFORMATIC	N DI	SCLOSURE	Filing Date	November 26, 2003			
l s	TATEMENT	BY	APPLICANT	First Named Inventor	Christian Pacha			
				Art Unit	N/A 2866			
	(Use as many	sheets as	necessary)	Examiner Name	Not Yet Assigned T. LAM			
Sheet	. 2	of	2	Attorney Docket Number	20046/0200609-US0			

<u> </u>	H		
L		2001, August 6-7, 2001, Huntington Beach, California, USA, pages 346-351.	

Examiner Signature Date Considered 117/2004

j

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

^{&#}x27;Applicant's unique citation designation number (optional). 'Applicant is to place a check mark here if English language Translation is attached.